

Purchase Order Receipt Listing

Friday, July 24, 2015 12:53:05 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO29169 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO29169	1		M6061T6B0.125X2.5 f 00		7/21/2015	7/24/2015	20.0000	\$2.34	0.0000	0	\$46.70
CAD	No		6061T6 BAR .125 X f 2.50		12.0000	DCUSER		\$46.70	0.0000	0	
			m132835								
	2		M6061T6B2.00X0.1 f 250		7/21/2015	7/24/2015	12.0000	\$6.00	0.0000	0	\$72.05
	No		6061-T6 Bar 2.00 x f 1.25		12.0000	DCUSER		\$72.05	0.0000	0	
			m132835								
	3		M6061T6B0.750X0.1 f 750		7/21/2015	7/24/2015	12.0000	\$2.34	0.0000	0	\$28.02
	No		6061-T6 Bar .750 x f .750		12.0000	DCUSER		\$28.02	0.0000	0	
			m132835								
	4		M6061T6B0.500X0.5 f 000		7/21/2015	7/24/2015	12.0000	\$6.00	0.0000	0	\$72.05
	No		6061-T6 Bar .500 x f 5.00		12.0000	DCUSER		\$72.05	0.0000	0	
			m132835								
	5		M6061T6B0.187X0.4 f 000		7/21/2015	7/24/2015	12.0000	\$2.34	0.0000	0	\$28.02
	No		6061-T6 Bar .187 x f 4.00		12.0000	DCUSER		\$28.02	0.0000	0	
			m132835								
	6		M304S16GA 304/316 Sheet .063 f		7/21/2015	7/24/2015	192.0000	\$4.00	0.0000	0	\$768.58
	No		m132835		192.0000	DCUSER		\$768.58	0.0000	0	
			M304B0.625X3.000 f		7/21/2015	7/24/2015	12.0000	\$20.70	0.0000	0	\$248.35
	No		304 BAR .625 X 3.00 f m132835		12.0000	DCUSER		\$248.35	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/ Vendor Name	VC-COP001	Thyssenkrupp Materials CA Ltd									
PO29169	9		71401-45		7/21/2015	7/24/2015	1.0000	\$0.00	0.0000	0	\$0.00
CAD	No		Procurement Quality Clause		1.0000	DCUSER		\$0.00	0.0000	0	
			m132835								
<div> <div>Total Received Quantity:</div> <div>273.0000</div> </div> <div> <div>Total Qty to Inspect (PO U/M):</div> <div>0.0000</div> </div> <div> <div>Total Reject Quantity:</div> <div>0.0000</div> </div> <div> <div>Total Receipt Value:</div> <div>\$1,263.77</div> </div> <div> <div>Total Balance Due Quantity:</div> <div>0.0000</div> </div>											

B I L L O F L A D I N G

No: PEC 945330

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 20Jul15 at 14:00 From PFW
Probill
Via vim delivery
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-826522- 1 Your PO # 29169
STAINLESS STEEL FLAT BAR 304-L HRAP

.625" X 3.00" X 144.0000"

Heat Number

263656

Tag No
633240

Quantity

12 FT

PCS

1

Wt LBS

83

2) Our Order PEC-826522- 2 Your PO # 29169

ALUMINUM SHEET 2024 -T3

.0320 Nom X 48.0000" X 144.0000"

B/O

TOTAL:

Tags

1

PCS

1

LBS

83

ADD ON TO 826392 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL OF 1 BAR GR.W. 83 LBS

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

15/07/23

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE

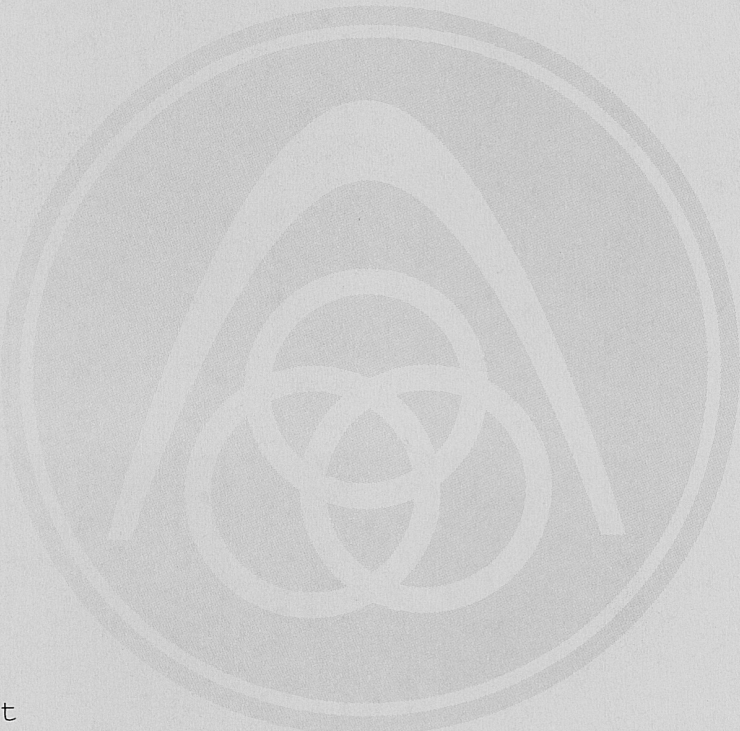
No: PEC 945330
Ship Date 20Jul15 at 14:00 From PFW
Probill
Via vim delivery
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***



ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

No: PEC 945295
Ship Date 20Jul15 at 12:13 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-826392- 1 Your PO # 29169

ALUMINUM FLAT BAR 6061-T6511
.125" x 2.50" X 240.0000"

Heat Number Tag No
408691-7 435802

Quantity PCS Wt LBS
20 FT 1 8

MTR

2) Our Order PEC-826392- 2 Your PO # 29169

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"

Heat Number Tag No
103621 2 1-A-1 435364

Quantity PCS Wt LBS
12 FT 1 36

MTR

3) Our Order PEC-826392- 3 Your PO # 29169

ALUMINUM SQUARE BAR 6061-T6511
.750" X 144.0000"

Heat Number Tag No
41743-1 435365

Quantity PCS Wt LBS
12 FT 1 8

MTR

4) Our Order PEC-826392- 4 Your PO # 29169

ALUMINUM FLAT BAR 6061-T6511
.50" x 5.00" X 144.0000"

Heat Number Tag No
Z00136096 435366

Quantity PCS Wt LBS
12 FT 1 36

MTR

5) Our Order PEC-826392- 5 Your PO # 29169

ALUMINUM FLAT BAR 6061-T6511
.187" x 4.00" X 144.0000"

SP/5-07-24
MTR

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

15/07/23

B I L L O F L A D I N G
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 945295
Ship Date 20Jul15 at 12:13 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

BACK ORDER

6) Our Order PEC-826392- 6 Your PO # 29169
STAINLESS STEEL SHEET 304-2B
.0600 Nom X 48.0000" X 96.0000"

Heat Number Tag No
BOA005-AFD 435532

Quantity PCS MTR Wt LBS
192.00 SFT 6 462

TOTAL: Tags PCS LBS
5 10 550

Heat Number
103621 2 1-A-1
408691-7
41743-1
BOA005-AFD
Z00136096

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 2 BDLs 1 SKID GW 652 LBS

ITEM# 1 - 1 BDL
ITEM# 2 TO 4 - 1 BDL
ITEM# 5 - B/O
ITEM# 6 - 1 SKID

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA

Page: 2Continued

ALUMINIUM • LATON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: (1)
DART AEROSPACE

B I L L O F L A D I N G
No: PEC 945295
Ship Date 20Jul15 at 12:13 From PFW
Probill
Via VIM TRANSFER
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Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

=====

B I L L O F L A D I N G
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
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Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/GST# 4017227001 TQ001 TPS/GST TVQ/HST # 140223834 RT0001

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004), 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine producer

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VII 4015168
Lieferanzge/Packing list/L.

Certificato nr: MEST511782/2014/
Prüfung/Test/Essai

Conferma ordine nr: E114002087
Works/Our Order/Ref. nr.

Marchio di Fabbrica:
Zeichen des Werksachverständigen
Trade mark
Sigle de l'usine productrice



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erzeugnisart/Manufacturing process/Mode d'elaboration

Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Pointon de l'essayeur

Specifiche:
Anforderungen / Requirements / Edges

VSI 0 304/304L A
AMS 5647 J S30403 A
ASME SA193 2010 B8 CLASS1 (1)
ASME SA479 2010 S30400/03 A (4)
ASTM A262 2010. PRACTICE E
ASTM A320 2011A B8 CLASS1
ASTM A479 2013A S30400/03 A
NACE MR0175 2009 S30400/03 A (7)

AISI 304/304L
AMS-QQ-S-763 B 304/304L A
ASME SA276 2010 S30400/03 A (2)
ASTM A182 2012B S30400/03 A (5)
ASTM A276 2013 S30400/03 A
ASTM A370 2012A
MIL-S-862 B/1 304/304L
QQ-S-763 F 304/304L A

AMS 5639 H S30400 A
ASME SA182 2010 S30400/03 A (0)
ASME SA320 2010 B8 CLASS1 (3)
ASTM A193 2011A B8 CLASS1
ASTM A314 2008 S30400/03
ASTM A473 2001 S30400/03 (6)
NACE MR0103 2010 S30400/03 A

- (0) SEC.II PT.A 2010 EDITION ADD. 2011a
- (1) SEC.II PT.A 2010 EDITION ADD. 2011a
- (2) SEC.II PT.A 2010 EDITION ADD. 2011a
- (3) SEC.II PT.A 2010 EDITION ADD. 2011a
- (4) For products machined directly from bar refer also
- (5) Chemical analysis only.
- (6) Technical Circular 1:2011 Published 2011-06-14
- (7) Technical Circular 1:2011 Published 2011-06-14

- (0) For products machined directly from bar refer to ASME SA479.
- (2) SEC.II PT.A 2010 EDITION ADD. 2011a
- (4) SEC.II PT.A 2010 EDITION ADD. 2011a
- (5) to ASTM A479.
- (7) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15

Qualità: 304/304L
Werkstoff/Grade/Qualité

Marca: AISL
Markenbezeichnung
Brand/Usine

Tolleranza: ASTM A484-11 TABLE 5
Toleranz/Allowance/Tolerance

Punzonatura: 304/304L
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. N. de poste	Oggetto Gegenstand Product description Description du produit	Dimensioni - In Abmessungen Dimension Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stücke Pieces	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0020	Flat	3,0000 x 0,6250	144 / 154	263656		5.869	330907030

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf Lieferbareitem produkt test à l'état de fourniture Prueba sobre el material así como entregado

TEST	Provetta/Probedata Spezimen/Spezimeta Lap from Spec. Bleib. from Spec. With Dim. Thickness Lap, diam. apert. mm	Posiz. Saggio Probenlage Lage Entwurf	Snervamento Bruchgrenze Yield Stress Limite elasticità Rp 0,2%	Snervamento Bruchgrenze Yield Stress Limite elasticità Rp 0,2%	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm K.S.L.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Bruchdehnung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Réquis/Valeurs Valeurs demandées	min		30	-	75 115	40	50	-	140 235
A	12,5	68	L	47	91	54	69		185

TEST	min	max
A Grain size for ASTM E112		6

1) L=longitudinale/Längs, T=transversale/quer, Q=Transversale tangential

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata/Heat Schmelze/Coulée	min - max 0,030	- 1,00	- 2,00	18,00 20,00	- 1,00	- 1,00	8,00 10,50	- 0,040	0,020 0,030	0,100	- -	- -	- -
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %		
263656	0,025	0,38	1,88	18,45	0,50	0,41	8,24	0,098	0,032	0,024	0,083		

Produced without class I-II Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 1 h/water.
Micro and macro etch test: OK
Intergranular corrosion test per ASTM A262 pract. E: ok.
Absence of cracks at 20 x magnification after bend test.

Vicenza, 06/05/14 VCC008 (Mod. MGE2)	Il collaudatore di stabilimento / der Werksachverständige / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403987103

CstAr

Wgt.: 83 LB

CstOr 268626

Date 07/17/2015

John R. Zambetti

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine productrice

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI14015168
Lieferanzeige/Packing list/B.L.

Ordine nr: 38263 STOCK CAROL STR
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

Certificato nr: MEST511782/2014/
Prüfung/Test/Essai

Conferma ordine nr: EI14002087
Werk/Our Order/Raf nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice



Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Plombon de l'essayeur

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind lt. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spektralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimélange fait: r.s.s.

Controllo visivo e dimensionale: soddisfatta le esigenze
Beziehung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional check/satisfactory
Contrôle visuel et dimensions: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s. 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 06/05/14
VCC008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werksachverständige / Works Inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403987103

CstAr

CstOr 268626

Wgt.: 83 LB

Date 07/17/2015

John L. Zambetti

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.125" x 2.50" X 240.0000"

PART NO.

PO/Rel 29169

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945295-001

17Jul15

Signed by: _____

Pg 1/1

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: 286259

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Ticket:

5391569

DAS

14

9-89

15/07/29

Our Order: 408691 - 7

Cust P.O.: 261937

Die: ES05649

Part: 05649-000-240

Alloy Temper: 6061 T6511

Description: .125 x 2.500

Print Date: 10/27/14

Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
403163	14745101B	A11	10/24/14	43.93	39.23	8.1

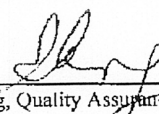
Applicable Specifications: ASTMB221-13 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized: _____


Evan Eng, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.000" x 144.0000"
PART NO.

PO/Rel 29169

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-945295-002

17Jul15
Pg 1/1

Certificate of Mill Test Results



Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
103621	2

MANIFEST NUMBER 7261
SHIP TO 10038 - B01-ThyssenKrupp Materials NA, Toro
CUSTOMER PO PEC-266429
CUSTOMER PART NUMBER 40-00717

DIE NUMBER 1426
DATE OF SHIPMENT 5/6/2015
ALLOY 6061
TEMPER T6511
SALESMAN Scott Rarick

Applicable Requirements
ASTM B221-14 AMS-QC-A-200/8 (2012-09)
T6511 also conforms to: T6 ASME SB221 - 1998 sect II

Melted in USA
Manufactured in USA

DAS 14 1507629
9-03

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
103621 2 1-A-1	6061	15040727	04/29/15	51.1	46.4	19%		

Chemical Limits

ALLOY	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
6061	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Minimum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.15
Maximum																				

Density:

Electrical Conductivity:

Thermal Conductivity:

Alloy Constant:

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
1504136	6061	0.67	0.36	0.30	0.06	0.86	0.08	0.01	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.60	

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements)

Edward Miranick
Quality Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511
.750" X 1.44, 0000"
PART NO.

P.O./Rel 29169

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-945295-003
17Jul15
Pg 1/1

VITEX

EXTRUSION

43 Industrial Park Drive
P.O. Box 270
Franklin, NH
03235-6149
Tel: (603) 934-5275

CERTIFICATE OF INSPECTION AND TEST RESULTS

DAS
14
9-89

SALES ORDER / VITEX LOT
41743 - 1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA 2821 Langstaff Road Concord, ONT L4K 5C6	70395	900118	01/09/15	Certs Required
	CUSTOMER PO	ALLOY/TEMPER	SALESMAN	SPECIFICATION
	PEC-263117	6061 / T6511	John Topalian	ASTM B 221-13
SHIP TO	CUSTOMER PART NUMBER	DESCRIPTION	POUNDS SHIPPED	SPECIFICATION
ThyssenKrupp Materials NA 2821 Langstaff Road Concord, ONT L4K 5C6	.750" SQ BAR	.750" SQ BAR	1,089	SAE AMS QQA 200/8 Rev 97
	LENGTH	PIECES SHIPPED		COPY OF MILL Chemistry/w ordi
	144.00"	135		

Mechanical Properties

Test ID	Sample ID	Date	Ult. Tensile ksi	Yield ksi	Elongation %	Hardness
1A11	1	1/7/15	43.20	35.30	17.20	92.00
1A11	2	1/7/15	43.30	35.90	14.80	90.00

Chemical Composition Limits Per AS&D Latest Rev for Alloy 6061

	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ga	V	Ti	B	Zr
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.05	0.05	0.15	0.05	0.05
ACTUAL CAST INFO	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ga	V	Ti	B	Zr
2BY829	0.58	0.22	0.22	0.05	0.83	0.06	0.01	0.01	0.01	0.01	0.00	0.00
Country of Melt: CANADA												

Cert Notes:

Products manufactured with a 6061-T6511 temper also meet T6 temper requirements.
Products manufactured with a 6063-T52 temper also meet T5 temper requirements.
Yield strength has been determined by the 0.2% offset method.
Extrusion made in USA.

We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein. The chemical composition limits and mechanical property limits are set forth above. Samples of the material have been found to meet these requirements. Inspection and test results are maintained on file and are available upon request.



Jean Keyes

Jean Keyes
Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.50" x 5.00" X 144.0000"
PART NO.

PO/Rel 29169

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945295-004

17Jul15

Pg 1/1

Signed by: _____

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-267403-3		CUSTOMER PART NUMBER: 676/STK		PRODUCT DESCRIPTION: .500 X 5.000 SC RECT BAR	
KAISER ORDER NUMBER: 687786	LINE ITEM: 003	SHIP DATE: 06/02/2015	KAISER LOT NUMBER: Z00136096	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 318.000 LB	QUANTITY: 9.000 PCS	B/L NUMBER: 612125	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

DAS

14

9-89

15/07/29

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00136096	0001	0001	46.2	42.0	17.0	RE 96	N/A	N/A
Z00136096	0001	0002	45.8	41.5	19.6	RE 96	N/A	N/A
Z00136096	0001	0003	47.2	43.5	16.4	RE 97	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105022	.63	.26	.22	.07	.88	.07	.03	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012) UNS#A96061
(T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been
inspected and tested and found in conformance with applicable specifications forming a part of the
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: C0179415

Kaiser Order Number: 687786

Line Item: 003

Page 1 of 1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0600 Nom X 48.0000" X 96.0000"
PART NO.

PO/Rel 29169

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-945295-006

17Jul15
Pg 1/1



YUEN CHANG STAINLESS STEEL CO., LTD.

檢驗證明書

MILL TEST CERTIFICATE(S)

刊印日期 ISSUE DATE: 2015/03/24

高雄市中區中正路235號3F
13F, No. 235 Jungjeng 4th Road, Chianjin
Chi, Kaohsiung, Taiwan
TEL: 886-7-9685858 FAX: 886-7-9685768
http://www.yuenchang.com.tw

DAS
14
9-89
1507329

客戶名稱 Customer	Thyssenkrupp Steel Services A Division Of Thyssenkrupp Materials Na Inc 22355 West Eleven Mile Road Southfield Mi 48033 USA																
商品描述 Desc. Of Goods	Description Of Goods And/Or Services : Prime, Cold Rolled Stainless Steel Sheets, Slitted Edge, As Per ASTM A240/A480.																
Thyssenkrupp Materials NA PO PEC-284559																	
項目 Item	鋼捲編號 Coil No.	爐號 Heat Number(s)	鋼種 Steel Grade	表面 Finish	產品尺寸 Thickness x Width x Length			淨重 Net Weight (KGS)									
AF009	CAAL0268-14	DNF010-ADG	304	2B	26GA x 48 x 96			1,727									
AF010	CCWR0003-18	AOA004-AAB	304	2B	20GA x 48 x 96			1,102									
AF011	CCWR0003-19	AOA004-AAB	304	2B	20GA x 48 x 96			1,104									
AF003	CATF0015-20	BOA005-AFD	304	2B	16GA x 48 x 96			1,736									
AF001	CATF0015-18	BOA005-AFD	304	2B	16GA x 48 x 120			1,086									
AF002	CATF0016-19	BOA005-AFD	304	2B	16GA x 48 x 120			1,087									
AF008	CCYL0003-54	AOA002-AAD	304	2B	14GA x 48 x 144			901									
AF006	CARS0019-13	BOB006-ABD	304	2B	12GA x 48 x 96			1,073									
化學成分 Chemical Analysis (%)																	
Item	C	Si	Mn	P	S	Cr	Ni	N	Cu	Mo	Others	機械性質 Mechanical Properties					
AF009	0.045	0.480	1.158	0.037	0.0022	18.055	8.010	0.042	0.043			T.S N/MM2	Y.S(0.2%) N/MM2	Elong (%)	HB	HRB	HV
AF010	0.023	0.300	1.380	0.029	0.0112	18.250	8.040	0.071	0.310	0.110		755	300	58.0			83.5
AF011	0.023	0.300	1.380	0.029	0.0112	18.250	8.040	0.071	0.310	0.110		651	294	57.0			160.0
AF003	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0			83.0
AF001	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0			83.0
AF002	0.050	0.430	1.110	0.039	0.0010	18.300	8.100	0.040	0.056	0.098		686	281	56.0			83.0
AF008	0.042	0.510	0.980	0.033	0.0020	18.190	8.040	0.058				644	280	54.9			83.5
AF006	0.040	0.440	1.070	0.030	0.0020	18.200	8.000	0.040	0.188	0.040		650	272	56.0			83.5
茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。 We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.																	
本產品無輻射污染，並不含汞。The material described above is free from radiation contamination and mercury. 本證明書符合EN10204/Type 3.1認證。Inspection certificate in accordance with EN10204/Type 3.1. 本證明書均符合ASTM A240規範要求。All the above products conform to the requirements specified in ASTM A240.																	
We Herewith Certifying The Material To ASTM A240/A480 As Per EN 10204/3.1																	
For and on behalf of: YUEN CHANG STEEL CO., LTD.												QC Manager			David Wang		
												20 ISO 9001					

We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

本產品經檢驗合格，並無含毒。The material described above is free from radiation contamination and mercury.

本證明書符合EN10204/Type 3.1規格。Inspection certificate in accordance with EN10204/Type 3.1.

本廠所列產品均符合ASTM A240/A480規格要求。All the above products conform to the requirements specified in ASTM A240.

We Hereby Certifying The Material To ASTM A240/A480 As Per EN 10204 3.1

For and on behalf of
YUEN CHANG STAINLESS
STEEL CO., LTD.

Authorized Signatures

QC Manager

David Wang

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1304 316L
DATE: 15/07/29

PO / BATCH NO.: 29169/1412835

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 192 SA
QUANTITY INSPECTED: 192 SA
QUANTITY REJECTED: _____

THICKNESS ORDERED: .063"
THICKNESS RECEIVED: .060"
SHEET SIZE ORDERED: 4X8
SHEET SIZE RECEIVED: 4X8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
<p>INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u></p> <p>DATE: <u>15/07/29</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M16061TL6
 DATE: 15/07/29

PO / BATCH NO.: 29169/14132835

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 20'
 QUANTITY INSPECTED: 20'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .125X~~2~~2.50
 THICKNESS RECEIVED: .125X2.50
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> <u>2-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606/T6
 DATE: 15/07/29

PO / BATCH NO.: 29169/M132835

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 2.00X1.25
 THICKNESS RECEIVED: 2.00X1.25
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M16061TL6
 DATE: 15/07/29

PO / BATCH NO.: 29169/M132835

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .750 X .750
 THICKNESS RECEIVED: .750 X .750
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 16061T6
DATE: 15/07/29

PO / BATCH NO.: 29169/1132835

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12'
QUANTITY INSPECTED: 12'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .500 X 5.00
THICKNESS RECEIVED: .500 X 5.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9:30</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6
 DATE: 15/07/29

PO / BATCH NO.: 29169/11132835

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .625 X 3.00
 THICKNESS RECEIVED: .625 X 3.00
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____


DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9-89</u> DATE: <u>15/07/29</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29169

Purchase Order Date 7/16/2015
PO Print Date 7/16/2015

Order From : THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA	VC-COP001	Ship To : DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA
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Contact Name Vendor Phone 905 669 9444 Ship To Contact Ship To Phone Ship Via: VENDOR'S TRUCK Ship Acct:	Buyer Linda Lacelle Customer POID Customer Tax # 10127-2607 Terms Net 30 Currency CAD FOB FCA – (Free Carrier)
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Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B0.125X2.500	6061T6 BAR .125 X 2.50	7/21/2015 Yes 7/21/2015		12.00 f 20 f	\$2.92	\$35.00
	MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						
						Line Total:	\$35.00
2	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	7/21/2015 Yes 7/21/2015		12.00 f	\$7.50	\$90.00
	as above						
						Line Total:	\$90.00
3	M6061T6B0.750X00.750	6061-T6 Bar .750 x .750	7/21/2015 Yes 7/21/2015		12.00 f	\$2.92	\$35.00
	as above						

Note:

7/16/2015

2015-07-24



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29169

Purchase Order Date 7/16/2015

PO Print Date 7/16/2015

Order From :
VC-COP001

Ship To :
DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone
905 669 9444

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:


Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB

Linda Lacelle
10127-2607
Net 30
CAD
FCA – (Free Carrier)

VENDOR'S TRUCK

					Line Total:	\$35.00
4	M6061T6B0.500X05.000	6061-T6 Bar .500 x 5.00	7/21/2015 Yes 7/21/2015	12.00 f	\$7.50	\$90.00
as above					Line Total:	\$90.00
5	M6061T6B0.187X04.000	6061-T6 Bar .187 x 4.00	7/21/2015 Yes 7/21/2015	12.00 f	\$2.92	\$35.00
as above					Line Total:	\$35.00
6	M304S16GA	304/316 Sheet .063	7/21/2015 Yes 7/21/2015	192.00 sf	\$5.00	\$960.00
MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059/AMS 5513 (304)/AMS 5524 (316)/ASTM A240/ASME SA240					Line Total:	\$960.00

Note:

	Dart Aerospace Ltd.
	1270 Aberdeen Street
	Hawkesbury, ON K6A 1K7
	Tel: 613 632 9577
	Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29169

Purchase Order Date 7/16/2015

PO Print Date 7/16/2015

Page Number 3 of 4


Order From :	VC-COP001	Ship To :	DART AEROSPACE LTD
THYSSENKRUPP MATERIALS CA LTD		1270 ABERDEEN	
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"		HAWKESBURY, ON K6A 1K7	
TORONTO, ON M5W 5V8		CANADA	
CA			

Contact Name		Buyer	Linda Lacelle
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

7	M304B0.625X3.000	304 BAR .625 X 3.00	7/21/2015	12.00	\$25.85	\$310.20
			Yes	f		
			7/21/2015			
	MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE					
<div> <div>SP15-07-24</div> <div>Line Total:</div> <div>\$310.20</div> </div>						
8	M2024T3S.032	2024-T3 .032 sheet	7/21/2015	64.00	\$4.84	\$309.60
			Yes	sf		
			7/21/2015			
	MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209					
<div> <div>SP15-07-24</div> <div>Line Total:</div> <div>\$309.60</div> </div>						

Note:

7/16/2015



Dart Aerospace Ltd.
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 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
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PURCHASE ORDER

Purchase Order ID PO29169

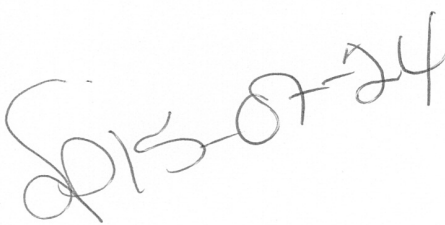
Purchase Order Date 7/16/2015
PO Print Date 7/16/2015

Order From : THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA	VC-COP001	Ship To : DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA
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Contact Name Vendor Phone 905 669 9444 Ship To Contact Ship To Phone Ship Via: VENDOR'S TRUCK Ship Acct:	Buyer Linda Lacelle Customer POID Customer Tax # 10127-2607 Terms Net 30 Currency CAD FOB FCA – (Free Carrier)
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9	71401-45	Procurement Quality Clause	7/21/2015	1.00	✓	\$0.00	\$0.00
			No				
		Procurement Quality Clauses	7/21/2015				

A005 right of entry
 A012 chemical and physical test report
 A016 personnel qualification
 A017 raw material identification (as applicable)
 A026 certification of material conformance
 A041 quality management system
 A042 dart notification by supplier
 A043 retention of quality documents



Line Total:	\$0.00
PO Total:	\$1,864.80



Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.